

Page 10, in Table 1, third column, line 3, after "246" insert --(SEQ ID NO:16)- -;

line 4, after "464" insert --(SEQ ID NO:17)--;

line 5, after "723" insert --(SEQ ID NO:18)--;

line 6, after "1026" insert --(SEQ ID NO:19)- -;

line 7, after "1203" insert --(SEQ ID NO:20)- -;

line 8, after "1467" insert --(SEQ ID NO:21)- -;

line 9, after "187" insert --(SEQ ID NO:22)--;

line 10, after "504" insert --(SEQ ID NO: 23)--;

line 11, after "685" insert --(SEQ ID NO:24)- -;

line 12, after "990" insert --(SEQ ID NO:25)--;

line 13, after "1231" insert --(SEQ ID NO:26)- -;

line 14, after "1476" insert - -(SEQ ID NO:27)- -.

Page 11, line 29, change "Figure 1." to --Figures 1A to 1H.--.

Page 12, line 17, after the sequence "...cat 3')" insert --(SEQ ID NO:28)--;

line 18, after the sequence "...taa 3')" insert --(SEQ ID NO:29)--;

Page 14, line 12, after "3'" insert - -(SEQ ID NO:30)--;

line 15, after "3'" insert --(SEQ ID NO:31)--.

Page 16, Table 4, second column, please insert the following sequence identifiers after the nucleotide sequences:

Row 3, --(SEQ ID NO:32)--

Row 4, --(SEQ ID NO:33)--

Row 5, --(SEQ ID NO:34)--

Row 6, --(SEQ ID NO:35)--

Row 7, --(SEQ ID NO:36)--

Row 8, --(SEQ ID NO:37)--

Row 9, --(SEQ ID NO:38)--

Row 10, --(SEQ ID NO:39)--

Row 11, --(SEQ ID NO:40)--

Row 12, --(SEQ ID NO:41)--

Row 13, --(SEQ ID NO:42)--

Page 16, Table 4, fourth column, third column, line 6, after "442" insert --(SEQ ID NO:32)-

line 7, after "310" insert --(SEQ ID NO:33)- -;

line 8, after "676" insert --(SEQ ID NO:34)--;

line 9, after "107" insert --(SEQ ID NO:35)--;

line 10, after "288" insert --(SEQ ID NO:36)- -;

line 11, after "913" insert --(SEQ ID NO:37)- -;

line 12, after "1016" insert - - (SEQ ID NO:38)--;

line 13, after "1312" insert - -(SEQ ID NO:39)- -;

line 14, after 1" insert --(SEQ ID NO:40)--;

line 15, after "1710" insert - -(SEQ ID NO:41)- -;

line 16, after "1558" insert - -(SEQ ID NO:42)--.

IN THE CLAIMS:

Please cancel claims 1-8 and 12 without prejudice to the subject matter contained therein.

Please amend claims 9-11 and add new claims 13-29 as follows.

9. (Amended) An enzyme capable of [hydrolysing] hydrolyzing at least one organophosphate selected from the group consisting of carboxylester organophosphates and dimethyl-oxon organophosphates, the enzyme being produced by a cell [as claimed in claim 7 or 8] transformed with a DNA molecule comprising a nucleotide sequence having at least 60% homology with LcαE7, in which the protein encoded by the DNA molecule differs from E3 at